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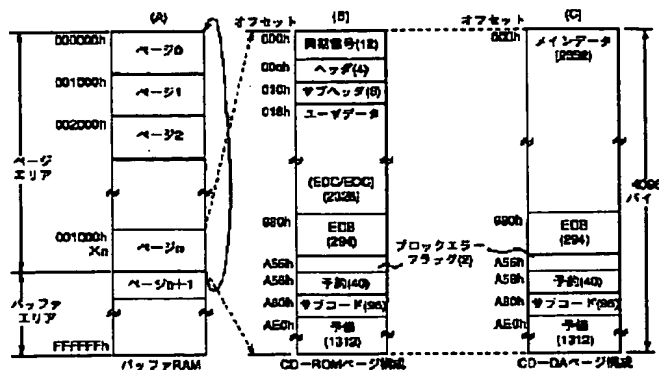
APPLICATION DATE : 12-05-97
APPLICATION NUMBER : 09121243

APPLICANT : RICOH CO LTD;

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INT.CL. : G11B 20/10

TITLE : DATA PROCESSOR TO BE USED IN
OPTICAL RECORDING DISK DRIVING
DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a data processor capable of performing a high speed processing with respect to data of a CD-ROM or the like.

SOLUTION: The data processing circuit of this processor is constituted so as to perform a prescribed decoding processing and a prescribed encoding processing with respect to subcodes and main data to be recorded on a compact disk in a sensor unit and to have a buffer RAM in which the subcodes and the main data are temporarily stored in these processing. In this case, the storage area of the buffer RAM is divided into prescribed sizes and time information, user data and error information to be included in subcodes or main data being in the same sector are temporarily stored in the prescribed area in each page area in which an area having the prescribed size to be obtained by the dividing is made one page according to a prescribed format by making the page area and the sector to be related with each other one to one.

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